

Title (en)
COLOUR INTERLACED IMAGE PROJECTION APPARATUS

Title (de)
ZEILENSPRUNG-FARBILDPROJEKTOR

Title (fr)
APPAREIL DE PROJECTION D'IMAGES ENTRELACEES COULEUR

Publication
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Application
EP 97923299 A 19970612

Priority
• GB 9614887 A 19960716
• IB 9700685 W 19970612

Abstract (en)
[origin: WO9803019A1] A colour image projection apparatus comprising a plurality of (LC) image display panels (33), each operating with light of a different colour (R, G, B), whose outputs are combined by combining means (24, 25) and projected via a lens (28) onto a screen (32) and electro-optical deflection means, comprising a birefringent element (40) following the combining means and preceded by polarisation switch means (42) operable to displace slightly the outputs from rows of pixels in each of the panels in either the odd or even fields so as to produce an interlaced image on the screen. Considerably improved performance is achieved by providing a respective, separate, polarisation switch element between each display panel (33) and the combining means (24, 25), and preferably closely adjacent to the output side of the display panel.

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H04N 9/31; **G02B 27/28**

IPC 8 full level
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